



Attorney Docket No. 14235US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Ronald L. Mahany et al.

Serial No. 10/736,068

Filed: December 15, 2003

For: HIERARCHICAL
COMMUNICATION SYSTEM
PROVIDING INTELLIGENT DATA,
PROGRAM AND PROCESSING
MIGRATION

Examiner: Not assigned

Group Art Unit: 2661

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 2, 2004.

Michael T. Cruz
Michael T. Cruz
Reg. No. 44,636

**TRANSMITTAL OF
INFORMATION DISCLOSURE STATEMENT
AFTER APPLICATION FILING DATE**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

ENCLOSURES

Enclosed are the following:

* A completed form PTO/SB/08A which has two (2) pages.

- * The references listed in the enclosed form PTO/SB/08A were not previously provided to or by the PTO in this application. A copy of each of the seven (7) foreign references listed in the enclosed form PTO/SB/08A is enclosed.

FEE DETERMINATION

- * No fee is believed to be due because:

This paper is being filed before the mailing of a first Office Action on the merits.

FEE PAYMENT

The following arrangements have been made to pay the fees calculated above:

- * No fee is believed to be due.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

REQUEST FOR CONSIDERATION

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above. The Examiner is requested to initial both copies of the enclosed form PTO/SB/08A and return one copy to the applicants to indicate consideration of the enclosed references.

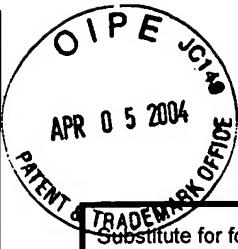
Respectfully submitted,

Dated: April 2, 2004



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/736,068
Filing Date	Dec. 15, 2003
First Named Inventor	Ronald Mahany
Group Art Unit	2661
Examiner Name	Not assigned

Attorney Docket Number 14235US02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1	4,247,908		1/1981	Lockhart, Jr. et al.	
A2	4,639,914		01/1987	Winters	
A3	4,644,351		02/17/1987	Zabarsky et al.	
A4	4,803,487		02/07/1989	Willard et al.	
A5	4,807,222		02/1989	Amitay	
A6	4,910,794		03/20/1990	Mahany	
A7	4,924,462		05/08/1990	Sojka	
A8	5,008,883		04/1991	Eizenhofer et al.	
A9	5,029,183		7/1991	Tymes	
A10	5,046,066		9/1991	Messenger	
A11	5,052,020		09/24/1991	Koenck et al.	
A12	5,070,536		12/1991	Mahany et al.	
A13	5,077,830		12/1991	Mallia	
A14	5,150,360		09/22/1992	Perlman et al.	
A15	5,181,200		1/1993	Harrison	
A16	5,210,787		05/11/1993	Hayes et al.	
A17	5,245,051		09/1993	Mahany	
A18	5,252,979		10/1993	Nyson	
A19	5,276,680		1/1994	Messenger	
A20	5,289,378		2/1994	Miller et al.	
A21	5,295,154		3/1994	Meier et al.	
A22	5,303,286		04/12/1994	Wiedeman	
A23	5,331,634		07/19/1994	Fischer	
A24	5,337,044		08/1994	Folger et al.	
A25	5,339,316		8/1994	Diepstraten	
A26	5,339,352		08/16/1994	Armstrong et al.	
A27	5,349,678		09/20/1994	Morris et al.	
A28	5,528,025		6/1996	Swintek	
A29	5,555,276		09/10/1996	Koenck et al.	
A30	5,568,645		10/22/1996	Morris et al.	
A31	5,602,854		02/11/1997	Luse et al.	
A32	5,602,936		2/1997	Green et al.	
A33	5,657,317		08/12/1997	Mahany et al.	

EXAMINER SIGNATURE	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible.

⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary))

Sheet 2 Of 2

Complete if Known

Application Number	10/736,068
Filing Date	Dec. 15, 2003
First Named Inventor	2661
Group Art Unit	2661
Examiner Name	Not assigned
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Examiner Initial*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A34	5,673,031		09/30/1997	Meier	
A35	5,675,375		08/12/1997	Connolly et al.	
A36	5,680,633		10/21/1997	Koenck et al.	
A37	5,682,379		10/28/1997	Mahany et al.	
A38	5,696,903		12/09/1997	Mahany	
A39	5,708,680		01/13/1998	Gollnick et al.	
A40	5,726,984		03/10/1998	Kubler et al.	
A41	5,740,366		04/14/1998	Mahany et al.	
A42	5,790,536		8/1998	Mahany et al.	
A43	5,805,807		9/1998	Hanson et al.	
A44	5,950,124		09/07/1999	Trompower et al.	
A45	6,006,090		12/21/1999	Coleman et al.	
A46	6,006,100		12/21/1999	Koenck et al.	
A47	6,031,830		02/29/2000	Cowan	
A48	6,069,877		05/30/2000	Yang	
A49	6,259,898		07/10/2001	Lewis	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
A50	WO 92/02084		02/06/1992	Koenck et al.		
A51	JP 2060252		02/28/1990	Toshiba		
A52	EP 0549235		06/30/1993	NCR International		
A53	WO 93/07691		04/15/1993	NORAND CORP.		
A54	WO 94/15413		07/07/1994	NORAND CORP.		
A55	WO 94/27382		11/24/1994	NORAND CORP.		
A56	WO 96/03823		02/08/1996	NORAND CORP.		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A57	
	A58	

EXAMINER

DATE CONSIDERED

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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.